

ABSTRACT

An process for the preparation of pyridine and/or picolines is disclosed. The process comprises contacting a mixture of carbonyl compound with ammonia in the presence of surface-passivated titanium-silicate catalyst in gas phase at a temperature ranging between 300 – 500°C, at gas space velocity in the range of 300 to 3000 h⁻¹ and at a pressure ranging between 1 to 10 atmosphere, condensing and separating the products by conventional methods and if desired, further purifiying the product using well known conventional methods.

10